

## Table ENG-3. - Building Site Development

Stafford and King George Counties, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ad:							
Alluvial land, sandy and gravelly	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding Depth to saturated zone	1.00 0.61	Flooding	1.00
Alluvial wet	5	Not Rated		Not Rated		Not Rated	
Ae:							
Alluvial land, wet	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Alluvial land	5	Not Rated		Not Rated		Not Rated	
AfA:							
Altavista	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Augusta		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
AfB:							
Altavista	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Dogue		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
AfC2:							
Altavista	85	Somewhat limited		Very limited		Very limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Slope Depth to saturated zone	1.00 0.39
Wickham		Not Rated		Not Rated		Not Rated	
AIB:							
Appling	85	Not limited		Not limited		Not limited	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AIB:							
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AIC2:							
Appling	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Ashlar		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AnB:							
Appling	85	Not limited		Not limited		Not limited	
Cecil		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	
AnC2:							
Appling	85	Not limited		Not limited		Very limited Slope 1.00	
Cecil		Not Rated		Not Rated		Not Rated	
Cullen		Not Rated		Not Rated		Not Rated	
ApC3:							
Appling	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Ashlar		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
AsD:							
Ashlar	85	Somewhat limited Depth to hard bedrock Slope	0.46 0.37	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Slope Depth to hard bedrock	1.00 0.46

### Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AsD:							
Appling		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
AsE:							
Ashlar	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
Manor		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	
AsF:							
Ashlar	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
Gravelly soil		Not Rated		Not Rated		Not Rated	
Rock Outcrop		Not Rated		Not Rated		Not Rated	
AtA:							
Atlee	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Bourne		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
AtB:							
Atlee	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Au:							
Augusta	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Roanoke	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Au:							
Wahee		Not Rated		Not Rated		Not Rated	
AvB:							
Aura	85	Not limited		Not limited		Not limited	
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvC2:							
Aura	85	Not limited		Not limited		Very limited Slope	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvD2:							
Aura	85	Somewhat limited Slope		Somewhat limited Slope		Very limited Slope	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AvE2:							
Aura	85	Very limited Slope		Very limited Slope		Very limited Slope	
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
AwD:							
Aura	35	Somewhat limited Slope		Somewhat limited Slope		Very limited Slope	
Galestown	25	Somewhat limited Slope		Somewhat limited Slope		Very limited Slope	
Sassafras	20	Somewhat limited Slope		Somewhat limited Slope		Very limited Slope	

### Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AwD:							
Caroline		Not Rated		Not Rated		Not Rated	
AwE:							
Aura	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Galestown	25	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Sassafras	15	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Gravelly soil		Not Rated		Not Rated		Not Rated	
BaA:							
Bertie	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Bladen	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bb:							
Bibb	85	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Alluvial wet	5	Not Rated		Not Rated		Not Rated	
Fresh water swamp	3	Not Rated		Not Rated		Not Rated	
Iuka		Not Rated		Not Rated		Not Rated	
Bd:							
Bladen	85	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	

BmA:

## Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BmA:							
Bourne	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.97	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.97
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Bladen	3	Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmB:							
Bourne	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.97	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.97
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Caroline		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
BmC2:							
Bourne	85	Somewhat limited		Very limited		Very limited	
		Depth to thick cemented pan	0.97	Depth to thick cemented pan	1.00	Slope	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to thick cemented pan	0.97
						Depth to saturated zone	0.39
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BnB:							
Bourne variant	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.97	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.97
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BnB:							
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BnC2:							
Bourne variant	85	Somewhat limited		Very limited		Very limited	
		Depth to thick cemented pan	0.97	Depth to thick cemented pan	1.00	Slope	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to thick cemented pan	0.97
						Depth to saturated zone	0.39
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
BoB:							
Bourne	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.97	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.97
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Appling		Not Rated		Not Rated		Not Rated	
Aura		Not Rated		Not Rated		Not Rated	
Bourne variant		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
BoC2:							
Bourne	85	Somewhat limited		Very limited		Very limited	
		Depth to thick cemented pan	0.97	Depth to thick cemented pan	1.00	Slope	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to thick cemented pan	0.97
						Depth to saturated zone	0.39
Appling		Not Rated		Not Rated		Not Rated	
Aura		Not Rated		Not Rated		Not Rated	
Bourne variant		Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BoC2:							
Caroline		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
BrD:							
Bremo	85	Somewhat limited		Very limited		Very limited	
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.37	Slope	0.37	Depth to hard bedrock	0.46
Manor		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
BrE:							
Bremo	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
Manor		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	
CaB2:							
Caroline	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
				Depth to saturated zone	0.47		
Aura		Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Craven		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CaC2:							
Caroline	85	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
				Depth to saturated zone	0.47	Shrink-swell	0.50
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	



# Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CaC2:							
Sassafras		Not Rated		Not Rated		Not Rated	
CaD2:							
Caroline	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.96	Slope	0.96	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
				Depth to saturated zone	0.47		
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CcC3:							
Caroline	85	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
				Depth to saturated zone	0.47	Shrink-swell	0.50
Bourne		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CcD3:							
Caroline	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.96	Slope	0.96	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
				Depth to saturated zone	0.47		
Aura		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
CdD:							
Caroline	40	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.84	Slope	0.84	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
				Depth to saturated zone	0.47		
Sassafras	35	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.84	Slope	0.84	Slope	1.00
Craven		Not Rated		Not Rated		Not Rated	

# Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CdD:							
Galestown		Not Rated		Not Rated		Not Rated	
CdE:							
Caroline	35	Very limited Slope Shrink-swell	1.00  0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00  0.50 0.47	Very limited Slope Shrink-swell	1.00  0.50
Sassafras	35	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Galestown		Not Rated		Not Rated		Not Rated	
Ce:							
Cartecay	85	Very limited Flooding Depth to saturated zone	1.00  1.00	Very limited Flooding Depth to saturated zone	1.00  1.00	Very limited Flooding Depth to saturated zone	1.00  1.00
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Wehadkee	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
CfB2:							
Cecil	85	Not limited		Not limited		Not limited	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CfC2:							
Cecil	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Ashlar		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CgB2:							
Cecil	85	Not limited		Not limited		Not limited	
Cullen		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CgB2: Nason		Not Rated		Not Rated		Not Rated	
ChC3: Cecil	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CIB: Colfax	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to thick cemented pan	0.74	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.74
Appling		Not Rated		Not Rated		Not Rated	
Cecil		Not Rated		Not Rated		Not Rated	
CmB: Colfax variant	85	Very limited Depth to thin cemented pan	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to thin cemented pan	1.00
		Depth to saturated zone	1.00	Depth to thin cemented pan	1.00	Depth to saturated zone	1.00
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Cn: Congaree	85	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.90	Very limited Flooding	1.00
Cartecay	3	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
CrA: Craven	85	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell	0.50
Bladen	3	Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CrA:							
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CrB:							
Craven	85	Somewhat limited Shrink-swell	0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell	0.50
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
CuB2:							
Cullen	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CuC2:							
Cullen	85	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
CvC3:							
Cullen	85	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
Cecil		Not Rated		Not Rated		Not Rated	
Elioak		Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CvC3:							
Nason		Not Rated		Not Rated		Not Rated	
Cw:							
Cut and fill land	100	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	100	Not Rated		Not Rated		Not Rated	
DoA:							
Dogue	85	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07
Altavista		Not Rated		Not Rated		Not Rated	
Augusta		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
DoB:							
Dogue	85	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07
Altavista		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
Wickham		Not Rated		Not Rated		Not Rated	
Eb:							
Elbert variant	85	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
Worsham	3	Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
EIB2:							
Elioak	85	Not limited		Not limited		Not limited	
Cullen		Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EIB2:							
Mecklenburg		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
EIC2:							
Elioak	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
EmC3:							
Elioak	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Cullen		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
FaB:							
Fairfax	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Fd:							
Fallsington	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Bladen	5	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
Fs:							
Fresh water swamp	90	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
GsD:							
Galestown	45	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Sassafras	30	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Caroline		Not Rated		Not Rated		Not Rated	
GsE:							
Galestown	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Sassafras	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Gravelly soil		Not Rated		Not Rated		Not Rated	
GsF:							
Galestown	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Sassafras	25	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Clayey soil		Not Rated		Not Rated		Not Rated	
Gravel soil		Not Rated		Not Rated		Not Rated	
Iu:							
Iuka	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated		Not Rated	
KeA:							
Kempsville	85	Not limited		Not limited		Not limited	
Bourne		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
KeB:							
Kempsville	85	Not limited		Not limited		Not limited	
Bourne		Not Rated		Not Rated		Not Rated	

**Table ENG-3. - Building Site Development - Continued**

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
KeB:							
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
KfB:							
Kempsville	85	Not limited		Not limited		Not limited	
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
KfC2:							
Kempsville	85	Not limited		Not limited		Very limited Slope1.00	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
KfD2:							
Kempsville	85	Somewhat limited Slope0.96		Somewhat limited Slope0.96		Very limited Slope1.00	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Turbeville		Not Rated		Not Rated		Not Rated	
LgA:							
Lignum	85	Somewhat limited Depth to saturated zone0.81 Shrink-swell0.50		Very limited Depth to saturated zone1.00 Shrink-swell0.50		Somewhat limited Depth to saturated zone0.81 Shrink-swell0.50	
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Elbert variant	3	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
LgB:							



### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LgB:							
Lignum	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.81	Depth to saturated zone	1.00	Depth to saturated zone	0.81
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Colfax		Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
Worsham		Not Rated		Not Rated		Not Rated	
MaD:							
Manor	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
MaE:							
Manor	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
Ashlar		Not Rated		Not Rated		Not Rated	
Watt variant		Not Rated		Not Rated		Not Rated	
MdB:							
Marr	85	Not limited		Not limited		Not limited	
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
MdC2:							
Marr	85	Not limited		Not limited		Very limited	
						Slope	1.00
Caroline		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
MdD2:							
Marr	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.84	Slope	0.84	Slope	1.00
Caroline		Not Rated		Not Rated		Not Rated	

# Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MdD2:							
Westphalia		Not Rated		Not Rated		Not Rated	
MdE2:							
Marr	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Galestown		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Westphalia		Not Rated		Not Rated		Not Rated	
Me:							
Meadowville	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Shrink-swell	0.61 0.50	Somewhat limited Shrink-swell	0.50
Mottled soils		Not Rated		Not Rated		Not Rated	
Red soils		Not Rated		Not Rated		Not Rated	
MkB2:							
Mecklenburg	85	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell	0.50
Elioak		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
MkC2:							
Mecklenburg	85	Somewhat limited Shrink-swell	0.50	Not limited		Very limited Slope Shrink-swell	1.00 0.50
Appling		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
MIC3:							
Mecklenburg	85	Somewhat limited Shrink-swell	0.50	Not limited		Very limited Slope Shrink-swell	1.00 0.50
Appling		Not Rated		Not Rated		Not Rated	

## Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MIC3:							
Nason		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
NaB:							
Nason	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
Appling		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
NaC2:							
Nason	85	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
Appling		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
NcC3:							
Nason	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Very limited Slope Shrink-swell	1.00 0.50
Appling		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
OrA:							
Orange	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Depth to saturated zone	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.39
Elbert variant	5	Not Rated		Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated		Not Rated	
Meadowville		Not Rated		Not Rated		Not Rated	
OrB:							
Orange	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Depth to saturated zone	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.39

# Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
OrB:							
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
OrC2:							
Orange	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Depth to saturated zone	1.00	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.39
Mecklenburg		Not Rated		Not Rated		Not Rated	
Zion variant		Not Rated		Not Rated		Not Rated	
Po:							
Pooler variant	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Bladen	5	Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
Ro:							
Roanoke	85	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Wehadkee	4	Not Rated		Not Rated		Not Rated	
Altavista		Not Rated		Not Rated		Not Rated	
Wahee		Not Rated		Not Rated		Not Rated	
Sa:							
Sand and gravel pits	100	Not Rated		Not Rated		Not Rated	
ScF:							
Sandy and clayey land	80	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
SfA:							
Sassafras	85	Not limited		Not limited		Not limited	
Bourne		Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
SfA:							
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfB:							
Sassafras	85	Not limited		Not limited		Not limited	
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfC2:							
Sassafras	85	Not limited		Not limited		Very limited Slope	1.00
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfD2:							
Sassafras	85	Somewhat limited Slope	0.84	Somewhat limited Slope	0.84	Very limited Slope	1.00
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
SfE2:							
Sassafras	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Aura		Not Rated		Not Rated		Not Rated	
Galestown		Not Rated		Not Rated		Not Rated	
Sn:							
State	85	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.15	Very limited Flooding	1.00
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
StD:							
Stony rolling land	85	Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
StE:							
Stony steep land	85	Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
SuC:							
Susquehanna	85	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell Slope	1.00 0.50
Aura		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
TeA:							
Tetotum	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Bladen	3	Not Rated		Not Rated		Not Rated	
Fallsington	3	Not Rated		Not Rated		Not Rated	
Pooler variant	3	Not Rated		Not Rated		Not Rated	
Bertie		Not Rated		Not Rated		Not Rated	
TeB:							
Tetotum	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Bertie		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
TeC2:							
Tetotum	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Very limited Slope Depth to saturated zone	1.00 0.39
Caroline		Not Rated		Not Rated		Not Rated	

# Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TeC2:							
Sassafras		Not Rated		Not Rated		Not Rated	
Tm:							
Tidal marsh	85	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
TuA:							
Turbeville	85	Not limited		Not limited		Not limited	
Altavista		Not Rated		Not Rated		Not Rated	
Bourne		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
TuB:							
Turbeville	85	Not limited		Not limited		Not limited	
Bourne		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
TuC2:							
Turbeville	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Caroline		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	
Wa:							
Wahee	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Roanoke	5	Not Rated		Not Rated		Not Rated	

# Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Wa:							
Altavista		Not Rated		Not Rated		Not Rated	
Augusta		Not Rated		Not Rated		Not Rated	
Dogue		Not Rated		Not Rated		Not Rated	
WgD:							
Watt variant	85	Somewhat limited Slope	0.84	Somewhat limited Slope Depth to soft bedrock	0.84 0.06	Very limited Slope	1.00
Aura		Not Rated		Not Rated		Not Rated	
Manor		Not Rated		Not Rated		Not Rated	
Nason		Not Rated		Not Rated		Not Rated	
WgE:							
Watt variant	85	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.06	Very limited Slope	1.00
Manor		Not Rated		Not Rated		Not Rated	
Rock Outcrop		Not Rated		Not Rated		Not Rated	
Wh:							
Wehadkee	85	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Alluvial land, wet	5	Not Rated		Not Rated		Not Rated	
Cartecay	3	Not Rated		Not Rated		Not Rated	
WIB:							
Westphalia	85	Not limited		Not limited		Not limited	
Caroline		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WID2:							
Westphalia	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Caroline		Not Rated		Not Rated		Not Rated	



### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WID2:							
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WIE2:							
Westphalia	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Galestown		Not Rated		Not Rated		Not Rated	
Marr		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WmA:							
Wickham	85	Not limited		Not limited		Not limited	
Altavista		Not Rated		Not Rated		Not Rated	
WmB:							
Wickham	85	Not limited		Not limited		Not limited	
Altavista		Not Rated		Not Rated		Not Rated	
WmC2:							
Wickham	85	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1.00
Gravel soil		Not Rated		Not Rated		Not Rated	
WnA:							
Wickham variant	85	Not limited		Not limited		Not limited	
Gravelly soil		Not Rated		Not Rated		Not Rated	
Loamy sand soil		Not Rated		Not Rated		Not Rated	
WnB:							
Wickham variant	85	Not limited		Not limited		Not limited	
Gravelly soil		Not Rated		Not Rated		Not Rated	
Sandy loam soil		Not Rated		Not Rated		Not Rated	
WnC:							
Wickham variant	85	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1.00
Gravelly soil		Not Rated		Not Rated		Not Rated	

### Table ENG-3. - Building Site Development - Continued

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WnC:							
Loamy sand soil		Not Rated		Not Rated		Not Rated	
WoA:							
Woodstown	85	Not limited		Very limited Depth to saturated zone1.00		Not limited	
Bertie		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
WoB:							
Woodstown	85	Not limited		Very limited Depth to saturated zone1.00		Not limited	
Bertie		Not Rated		Not Rated		Not Rated	
Caroline		Not Rated		Not Rated		Not Rated	
Sassafras		Not Rated		Not Rated		Not Rated	
Wr:							
Worsham	85	Very limited Depth to saturated zone1.00 Shrink-swell0.50		Very limited Depth to saturated zone1.00 Shrink-swell0.50		Very limited Depth to saturated zone1.00 Shrink-swell0.50	
Alluvial land, wet	3	Not Rated		Not Rated		Not Rated	
Elbert variant	3	Not Rated		Not Rated		Not Rated	
Colfax		Not Rated		Not Rated		Not Rated	
ZIB:							
Zion variant	85	Very limited Shrink-swell1.00		Very limited Shrink-swell1.00		Very limited Shrink-swell1.00	
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	
Orange		Not Rated		Not Rated		Not Rated	
ZIC2:							
Zion variant	85	Very limited Shrink-swell1.00		Very limited Shrink-swell1.00		Very limited Shrink-swell Slope1.00	
Bremo		Not Rated		Not Rated		Not Rated	

**Table ENG-3. - Building Site Development - Continued**

Stafford and King George Counties, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ZIC2:							
Cullen		Not Rated		Not Rated		Not Rated	
Mecklenburg		Not Rated		Not Rated		Not Rated	